

REMARKS

In the Official Action mailed 19 March 2007, the Examiner objected to the Title of the application. The Examiner reviewed claim 1. The Examiner has objected to claim 1 for informalities; has rejected claim 1 under 35 U.S.C. §112, first paragraph; has rejected claim 1 under 35 U.S.C. §112, second paragraph; has rejected claim 1 for double patenting; and has rejected claim 1 under 35 U.S.C. §102(e).

Applicant has amended the title, has canceled claim 1 and added new claims 2-15. Claims 2-15 remain pending.

Objection to the Title

The Examiner has objected to the Title of the application as not being descriptive.

Applicants have amended the title to read "Timing Closure Methodology Placement with Initial Delay Values."

Accordingly, reconsideration of the objection to the Title as amended is respectfully requested.

Objection to Claim 1 for Informalities

The Examiner has objected to claim 1 for informalities.

Applicant has canceled claim 1 herein.

Accordingly, the objection to claim 1 for informalities is rendered moot.

Rejection of Claim 1 Under 35 U.S.C. §112, First Paragraph

The Examiner has rejected claim 1 under 35 U.S.C. §112, first paragraph.

Applicant has canceled claim 1 herein.

Accordingly, the rejection of claim 1 is rendered moot.

Rejection of Claim 1 Under 35 U.S.C. §112, Second Paragraph

The Examiner has rejected claim 1 under 35 U.S.C. §112, second paragraph.

Applicant has canceled claim 1 herein.

Accordingly, the rejection of claim 1 is rendered moot.

Rejection of Claim 1 for Double Patenting

The Examiner has rejected claim 1 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-19 of van Ginneken (US 6,453,446).

Applicant has canceled claim 1 herein.

Accordingly, the rejection of claim 1 is rendered moot.

Rejection of Claim 1 under 35 U.S.C. §102(e)

The Examiner has rejected claim 1 under 35 U.S.C. §102(e) as being anticipated by O'Brien et al. (US 5,796,985).

Applicant has canceled claim 1 herein.

Accordingly, the rejection of claim 1 is rendered moot.

New claims 2-15 are added, and distinguish over O'Brien et al. for at least the reason that O'Brien et al. does not teach elements (b) and (c) of independent claim 2.

New Claims

Applicants have added new claims 2-15 herein. Support for the new claims may be found in the specification and drawings. The following references refer to the published specification.

New claim 2,

subsection (a), is supported in the specification at paragraph [0058], reference numbers 200, 205;

subsection (b), is supported in the specification at paragraph [0058], reference numbers 207, and 209-220;

subsection (c), is supported in the specification at paragraph [0058], reference number 225, and also in paragraph [0140].

New claim 3 is supported in the specification at paragraph [0058], reference number 225, and also in paragraph [0100].

New claim 4 is supported in the specification at paragraph [0134].

New claim 5 is supported in the specification at paragraph [0142].

New claim 6 is supported in the specification at paragraph [0142].

New claim 7 is supported in the specification at paragraph [0147].
New claim 8 is supported in the specification at paragraph [0065].
New claim 9 is supported in the specification at paragraphs [0065] - [0066].
New claim 10 is supported in the specification at paragraphs [0065] - [0066].
New claim 11 is supported in the specification at paragraph [0066].
New claim 12 is supported in the specification at paragraph [0062].
New claim 13 is supported in the specification at paragraph [0065].
New claim 14 is supported in the specification at paragraph [0065].
New claim 15 is supported in the specification at paragraph [0142].

NOTES ON OWNERSHIP

An Assignment of the present application from Magma Design Automation, Inc. to Synopsys, Inc. and IBM is being recorded as this paper is being filed. A copy is appended hereto for easy reference. The undersigned attorney has authorization to present this paper on behalf of Synopsys, Inc. and IBM.

NOTICE OF RELATED PROCEEDINGS

The present application claims priority to U.S. Patent No. 6,453,446 and U.S. Patent No. 6,725,438, which are subject of respective Reexamination Control Nos. 90/008,182 and 90/008,184, now pending. The Examiner's attention is directed to the record in such related reexaminations.

CONCLUSION

It is respectfully submitted that this application is now in condition for allowance, and such action is requested.

The appropriate extension fees are included with this communication.

The Commissioner is hereby authorized to charge any fee determined to be due in connection with this communication, or credit any overpayment, to our Deposit Account No. 50-0869 (SYNP 1006-0).

Respectfully submitted,

Dated: 19 September 2007

/Mark A. Haynes/

Mark A. Haynes, Reg. No. 30,846

SYNOPSYS, INC. c/o
HAYNES BEFFEL & WOLFELD LLP
P.O. Box 366
Half Moon Bay, CA 94019
(650) 712-0340 phone
(650) 712-0263 fax

QUITCLAIM ASSIGNMENT

MAGNA DESIGN AUTOMATION, INC., a corporation of the State of Delaware ("Magma"), hereby assigns an undivided interest in title in and to the United States Patent applications listed below to (a) INTERNATIONAL BUSINESS MACHINES CORPORATION, a New York corporation, and (b) SYNOPSYS, INC., a corporation of the State of Delaware.

Application No. 10/828,547, filed April 19, 2004;
Application No. 11/045,504, filed January 28, 2005 (now abandoned);
Application No. 11/045,795, filed January 28, 2005 (now abandoned);
Application No. 11/245,530 filed October 6, 2005 (now abandoned);
Application No. 11/246,451 filed October 6, 2005 (now abandoned);
Application No. 11/388,325 filed March 23, 2006; and
Application No. 11/388,357 filed March 23, 2006.

MAGMA DESIGN AUTOMATION, INC.

By: _____

Title: CFO

Date: 2/15/07